

Continued *Women-Owned Firms by SBA Region and State, 1982 and 1987—*

Region/State	1982	1987	Percent Change, 1982-1987	Rank
New Mexico	16,287	25,397	55.9	24
Arkansas	24,463	35,469	45.0	41
Texas	199,758	298,138	49.3	33
Oklahoma	49,193	63,690	29.5	49
Louisiana	38,315	55,852	45.8	37
Missouri	54,080	87,658	62.1	15
Iowa	36,097	53,592	48.5	34
Kansas	36,770	53,505	45.5	39
Nebraska	22,746	32,285	41.9	46
Colorado	57,370	89,411	55.9	25
Utah	19,072	29,810	56.3	23
South Dakota	9,367	13,374	42.8	44
Montana	12,762	17,747	39.1	48
North Dakota	8,770	12,689	44.7	42
Wyoming	8,393	10,796	28.6	50
Nevada	11,676	18,831	61.3	17
Arizona	35,085	60,567	72.6	6
California	354,662	559,821	57.9	19
Hawaii	14,415	21,696	50.5	31
Oregon	40,479	58,941	45.6	38
Washington	59,296	90,285	52.3	29
Alaska	9,489	13,976	47.3	35
Idaho	13,403	18,973	41.6	47

Source: Adapted by the U.S. Small Business Administration, Office of Advocacy, from U.S. Department of Commerce, Bureau of the Census, *Women-Owned Business, 1987* (Washington, D.C.: U.S. Government Printing Office, 1990), Table 2.

*Receipts of Women-Owned Businesses by SBA Region and State, 1982 and 1987*

Region/State	1982	1987	Percent Change, 1982-1987	Rank
Massachusetts	1,777,802	11,139,810	526.6	1
Rhode Island	270,337	1,340,182	395.7	2
New Hampshire	391,716	1,857,769	374.3	3
Maine	420,461	1,634,638	288.8	4
Connecticut	1,401,205	5,319,710	279.7	6
Vermont	266,796	766,092	187.2	21
New Jersey	3,573,040	13,553,517	279.3	7
New York	8,352,464	29,969,920	258.8	10
Delaware	195,636	753,238	285.0	5
Maryland	1,529,902	5,508,587	260.1	9
Virginia	1,753,387	5,951,516	239.4	12
Pennsylvania	4,186,425	13,339,231	218.6	13
District of Columbia	333,941	774,019	131.8	34
West Virginia	615,651	1,114,228	81.0	46
North Carolina	1,859,606	6,813,158	266.4	8
Florida	4,788,745	16,828,094	251.4	11
Georgia	1,847,866	5,873,682	217.9	14
South Carolina	983,220	2,949,555	200.0	18
Alabama	1,267,621	3,624,355	185.9	22
Tennessee	1,707,491	4,226,269	147.5	30
Mississippi	954,839	2,062,007	116.0	37
Kentucky	1,582,634	3,265,168	106.3	40
Illinois	4,566,694	13,884,278	204.0	17
Wisconsin	1,562,095	4,667,000	198.8	19
Minnesota	1,750,867	4,991,493	185.1	23
Michigan	2,789,692	7,889,112	182.8	25
Indiana	3,191,676	8,913,422	179.3	26
Ohio	3,615,026	8,872,169	145.4	31

Receipts of Women-Owned Businesses by SBA Region and State, 1982 and 1987—Continued

Region/State	1982	1987	Percent Change, 1982-1987	Rank
New Mexico	575,980	1,166,312	102.4	41
Arkansas	1,069,343	2,007,652	87.8	44
Texas	8,074,340	13,384,958	65.8	49
Oklahoma	2,123,012	2,947,868	38.9	50
Louisiana	2,200,975	2,961,708	34.6	51
Missouri	1,989,406	5,349,139	168.9	27
Iowa	1,136,994	2,904,611	155.5	29
Kansas	1,234,950	2,660,785	115.5	38
Nebraska	716,683	1,649,048	130.1	35
Colorado	1,829,435	4,260,547	132.9	33
Utah	664,597	1,392,426	109.5	39
South Dakota	368,044	726,047	97.3	42
Montana	499,100	930,377	86.4	45
North Dakota	340,081	571,701	68.1	47
Wyoming	312,466	523,908	67.7	48
Nevada	450,174	1,413,558	214.0	16
Arizona	1,027,306	2,910,886	183.4	24
California	12,022,899	31,026,855	158.1	28
Hawaii	356,498	856,930	140.4	32
Oregon	1,357,284	4,279,167	215.3	15
Washington	1,598,681	4,689,046	193.3	20
Alaska	378,943	829,326	118.9	36
Idaho	427,487	813,043	90.2	43

Source: Adapted by the U.S. Small Business Administration, Office of Advocacy, from U.S. Department of Commerce, Bureau of the Census, *Women-Owned Businesses, 1987* (Washington, D.C.: U.S. Government Printing Office, 1990), Table 2.

Nonfarm Sole Proprietorships by Gender of Ownership and Industry Group, 1980 and 1988

Industry	1980		1988		Percent Change, 1980-1988	
	All Nonfarm Businesses	Women-Owned Businesses	All Nonfarm Businesses	Women-Owned Businesses	All Nonfarm Businesses	Women-Owned Businesses
Agriculture, Forestry, and Fishing	307,720	30,811	381,237	59,526	23.9	93.2
Mining, Construction, and Manufacturing	1,409,280	84,221	2,286,012	197,470	62.2	134.5
Transportation, Communications, and Public Utilities	438,795	27,696	635,683	67,797	44.9	144.8
Wholesale and Retail Trade	2,527,084	824,771	2,755,973	991,197	9.1	20.2
Finance, Insurance, and Real Estate	1,048,966	354,801	1,369,120	520,844	30.5	46.8
Services	3,918,166	1,212,940	7,730,542	2,774,117	97.3	128.7

Note: Detail may not add to totals due to disclosure rules regarding the release of taxpayer information. Data for 1988 are preliminary.  
Source: Special tabulations prepared by the U.S. Department of the Treasury, Internal Revenue Service, under contract to the U.S. Small Business Administration, Office of Advocacy, December 1990.

Receipts of Nonfarm Sole Proprietorships by Gender of Ownership and Industry Group, 1980 and 1988 (Thousands of Dollars)

Industry	1980			1988			Percent Change, 1980-1988	
	All Nonfarm Businesses	Women-Owned Businesses	Women's Share of Total	All Nonfarm Businesses	Women-Owned Businesses	Women's Share of Total	All Nonfarm Businesses	Women-Owned Businesses
Agriculture, Forestry, and Fishing	6,433,612	234,280	3.6	15,305,281	1,306,410	8.5	137.9	457.6
Mining, Construction, and Manufacturing	71,248,141	1,977,303	2.8	114,209,462	4,093,412	3.6	60.3	107.0
Transportation, Communications, and Public Utilities	19,965,525	698,144	3.5	29,736,180	3,743,798	12.6	48.9	436.3
Wholesale and Retail Trade	202,283,802	18,937,581	9.4	213,073,282	25,836,400	12.1	5.3	36.4
Finance, Insurance, and Real Estate	21,530,768	3,640,416	16.9	42,382,942	9,536,114	22.5	96.8	162.0
Services	89,743,865	10,888,846	12.1	226,056,011	38,848,271	17.2	151.9	256.8

Note: Detail may not add to totals due to disclosure rules regarding the release of taxpayer information. Data for 1988 are preliminary.  
Source: Special tabulations prepared by the U.S. Department of the Treasury, Internal Revenue Service, under contract to the U.S. Small Business Administration, Office of Advocacy, December 1990.

Nonfarm Sole Proprietorships by Gender of Ownership and SBA Region, 1980 and 1988

Region	1980			1988			Percent Change, 1980-1988	
	All Nonfarm Businesses	Women-Owned Businesses	Women's Share of Total	All Nonfarm Businesses	Women-Owned Businesses	Women's Share of Total	All Nonfarm Businesses	Women-Owned Businesses
Region I	512,401	120,273	23.5	803,276	226,192	28.2	56.8	88.1
Region II	807,319	195,756	24.2	1,350,217	419,347	31.1	67.2	114.2
Region III	866,848	231,216	26.7	1,431,663	477,939	33.4	65.2	106.7
Region IV	1,480,801	370,354	25.0	2,414,676	655,974	27.2	63.1	77.1
Region V	1,774,893	481,945	27.2	2,595,141	773,395	29.8	46.2	60.5
Region VI	1,237,802	277,022	22.4	1,833,216	520,057	28.4	48.1	87.7
Region VII	602,859	166,643	27.6	878,138	278,070	31.7	45.7	66.9
Region VIII	431,948	115,755	26.8	586,469	196,522	33.5	35.8	69.8
Region IX	1,513,668	446,169	29.5	2,617,853	860,712	32.9	72.9	92.9
Region X	484,626	123,924	25.6	647,917	202,741	31.3	33.7	63.6

Note: Detail may not add to totals due to disclosure rules regarding the release of information for specific taxpayers. SBA regions, which correspond to federal regions, are defined as follows: Region I: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont; Region II: New Jersey, New York; Region III: Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia; Region IV: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee; Region V: Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin; Region VI: Arkansas, Louisiana, New Mexico, Oklahoma, Texas; Region VII: Iowa, Kansas, Missouri, Nebraska; Region VIII: Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming; Region IX: Arizona, California, Hawaii, Nevada; and, Region X: Alaska, Idaho, Oregon, Washington. Data for 1988 are preliminary.

Source: Special tabulations prepared by the U.S. Department of the Treasury, Internal Revenue Service, under contract to the U.S. Small Business Administration, Office of Advocacy, December 1990.

Receipts of Nonfarm Sole Proprietorships by Gender of Ownership and SBA Region, 1980 and 1988 (Thousands of Dollars)

Region	1980			1988			Percent Change, 1980-1988	
	All Nonfarm Businesses	Women- Owned Businesses	Women's Share of Total	All Nonfarm Businesses	Women- Owned Businesses	Women's Share of Total	All Nonfarm Businesses	Women- Owned Businesses
Region I	19,394,807	1,521,698	7.8	38,091,441	4,259,367	11.2	96.4	179.9
Region II	30,900,154	3,065,589	9.9	54,858,873	9,038,950	16.5	77.5	194.9
Region III	37,319,189	3,408,915	9.1	59,527,163	8,811,175	14.8	59.5	158.5
Region IV	66,605,226	5,515,772	8.3	95,305,837	10,992,286	11.5	43.1	99.3
Region V	73,456,559	6,463,322	8.8	94,584,181	10,567,655	11.2	28.8	63.5
Region VI	57,683,340	4,538,872	7.9	71,402,085	7,837,310	11.0	23.8	72.7
Region VII	26,636,767	2,080,737	7.8	35,975,862	4,282,598	11.9	35.1	105.8
Region VIII	16,337,108	1,206,690	7.4	21,108,325	2,130,393	10.1	29.2	76.5
Region IX	64,684,469	6,989,048	10.8	140,129,909	22,157,109	15.8	116.6	217.0
Region X	17,823,850	1,528,716	8.6	29,779,482	3,287,562	11.0	67.1	115.1

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Source: Special tabulations prepared by the U.S. Department of the Treasury, Internal Revenue Service, under contract to the U.S. Small Business Administration, Office of Advocacy, December 1990.

Nonfarm Sole Proprietorships by Gender, 1977-1988			
Year	Women-Owned Businesses	All Businesses <sup>1</sup>	Men-Owned Businesses
1988	4,610,951	15,158,567	10,027,537
1987	4,462,264	14,548,946	9,576,494
1986	4,121,352	13,798,340	9,243,927
1985	3,738,107	13,296,751	9,075,651
1984	3,382,769	12,495,141	8,643,431
1983	3,254,248	11,781,015	8,064,812
1982	2,942,366	11,170,204	7,787,830
1981	2,780,277	10,545,337	7,480,655
1980	2,535,240	9,730,019	6,928,659
1979	2,341,397	9,343,603	6,749,382
1978 <sup>2</sup>	2,121,060	8,878,705	6,502,283
1977	1,900,723	8,413,806	6,255,184
Average Annual Percent Change, 1977-1988	8.4	5.5	4.4

<sup>1</sup>Includes jointly owned nonfarm sole proprietorship businesses. Therefore, women-owned and men-owned nonfarm sole proprietorships will not sum to total.

<sup>2</sup>1978 data represent a weighted average.  
Source: Special tabulations prepared by the U.S. Department of the Treasury, Internal Revenue Service, under contract to the U.S. Small Business Administration, Office of Advocacy, December 1990.

Receipts of Nonfarm Sole Proprietorships by Gender, 1977-1988  
(Thousands of 1982 Dollars)

Year	Women-Owned Businesses	All Businesses <sup>1</sup>	Men-Owned Businesses
1988	68,754,149	528,464,459	434,059,221
1987	68,797,773	518,965,788	428,036,229
1986	62,821,019	486,129,554	400,392,314
1985	58,652,090	486,966,123	406,085,701
1984	52,060,662	479,142,938	404,816,564
1983	50,657,273	442,186,176	368,432,032
1982	41,717,148	433,664,897	373,090,664
1981	42,107,326	454,322,399	402,768,873
1980	42,446,406	479,819,968	428,815,148
1979	43,424,406	503,396,430	452,318,481
1978 <sup>2</sup>	41,071,334	498,727,542	449,274,848
1977	37,407,923	482,158,952	435,706,618
Average Annual Percent Change, 1977-1988	5.9	0.9	0.1

<sup>1</sup>Includes jointly owned nonfarm sole proprietorship businesses. Therefore, women-owned and men-owned nonfarm sole proprietorships will not sum to total.  
<sup>2</sup>1978 data represent a weighted average.

Source: Special tabulations prepared by the U.S. Department of the Treasury, Internal Revenue Service, under contract to the U.S. Small Business Administration, Office of Advocacy, December 1990.

Receipts per Nonfarm Sole Proprietorship by Gender, 1977-1988  
(1982 Dollars)

Year	Women-Owned Businesses	All Businesses <sup>1</sup>	Men-Owned Businesses
1988	14,911	34,862	43,287
1987	15,418	35,670	44,697
1986	15,243	35,231	43,314
1985	15,690	36,623	44,745
1984	15,390	38,346	46,835
1983	15,567	37,534	45,684
1982	14,178	38,823	47,907
1981	15,145	43,083	53,841
1980	16,743	49,313	61,890
1979	18,546	53,876	67,016
1978 <sup>2</sup>	19,364	56,171	69,095
1977	19,681	57,306	69,655
Average Annual Percent Change, 1977-1988	-2.6	-4.3	-4.1

<sup>1</sup>Includes jointly owned nonfarm sole proprietorship businesses. Therefore, women-owned and men-owned nonfarm sole proprietorships will not sum to total.  
<sup>2</sup>1978 data represent a weighted average.

Source: Special tabulations prepared by the U.S. Department of the Treasury, Internal Revenue Service, under contract to the U.S. Small Business Administration, Office of Advocacy, December 1990.

# SUMMARY OF 1987 MINORITY BUSINESS CENSUS

Every 5 years, the U.S. Bureau of the Census - as a special program of its Economic Censuses - releases basic statistics on minority-owned businesses.

The businesses covered by this program include all sole proprietorships, as well as sub-Chapter S corporations and partnerships with 10 or fewer shareholders or partners. It does not include regular C corporations.

The Bureau just recently released the fourth and final special report, on Asian-American, Pacific Islander, American Indian, and other minority-owned businesses. Earlier reports were released on women-owned, Black-owned, and Hispanic-owned business.

The following pages summarize the major findings of each report.

## BLACK - OWNED BUSINESS

- Between 1982 and 1987, the number of Black-owned businesses rose from 308,000 to 424,000, an increase of 38 percent.
- As of 1987, Black-owned businesses accounted for roughly 3 percent of all U.S. businesses and about 1 percent of total U.S. business receipts.
- In 1987, nearly half (49.40 percent) of all Black-owned businesses were in the services industry.
- Between 1982 and 1987, the number of Black-owned businesses in the manufacturing industry more than doubled, rising from 3,707 in 1982 to 8,004 in 1987.
- Even more striking was the growth in the total receipts of these businesses: between 1982 and 1987, the total receipts of Black-owned manufacturing businesses experienced a nearly four-fold increase, rising from 345 million in 1982 to just over \$1 billion in 1987.
- Another industry of strong growth for Black-owned businesses was the wholesale trade industry. The number of Black-owned businesses in the wholesale trade industry rose by about 77 percent between 1982 and 1987 (from 3,119 businesses to 5,519 businesses), and the total receipts of these businesses more than quadrupled over the same time period - rising from \$432 million in 1982 to \$1.3 billion in 1987.

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- Between 1982 and 1987, the number of Black-owned businesses with paid employees rose by 87 percent, from 37,841 businesses in 1982 to 70,815 businesses in 1987.
- As of 1987, Black-owned businesses employed nearly one-quarter million (220,467) American workers, up by 82 percent from 121,373 workers in 1982.

**WOMEN- OWNED BUSINESS**

- Between 1982 and 1987, the number of women-owned businesses rose from 2,612,621 to 4,112,787, an increase of about 58 percent. This rate of growth is more than four times the rate for all businesses (14%).
- The total receipts of women-owned businesses nearly tripled over this same time period, rising from \$98.3 billion in 1982 to \$278.1 billion in 1987. As of 1987, women-owned businesses accounted for roughly 30 percent of all U.S. businesses and about 13.9 percent of total U.S. business receipts.
- Regionally, the Northeastern states lead the nation in the growth in the financial contribution of women-owned businesses to the economy. In fact, of the 6 states experiencing the fastest relative growth in receipts, all but one is in New England. In descending order, the 1982-1987 percent change in the annual receipts of women-owned businesses was 526.6 percent in Massachusetts, 395.7 percent in Rhode Island, 374.3 percent in New Hampshire, 288.8 percent in Maine, 285.0 percent in Delaware, and 279.7 percent in Connecticut. Between 1982 and 1987, however, California remained the state with the largest absolute volume of receipts generated by women-owned businesses. As of 1987, the receipts of women-owned businesses in California were a formidable \$31.02 billion, just over 11 percent of the 1987 receipts of women-owned businesses nationwide.
- Between 1982 and 1987, women-owned businesses demonstrated their growing importance as providers of jobs for American workers. Between 1982 and 1987, the number of women-owned businesses with paid employees very nearly doubled, rising from 311,662 businesses in 1982 to 618,198 businesses in 1987.
- As of 1987, women-owned businesses employed over three million (3,102,685) American workers, more than twice the 1,354,588 workers employed by women-owned businesses in 1982.

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- In 1987, over half (55.17 percent) of all women-owned businesses were in the services industry, which has traditionally been the case. However, while the **percent** of all women-owned businesses located in these industries rose between 1982 and 1987, the **share** of women-owned business receipts accounted for by these industries experienced a notable decline between 1982 and 1987. This indicates that women are opening businesses in a wider variety of industries than before.
- In 1982, women-owned firms in the retail trade and services industries accounted for just over 63 percent of the total receipts of women-owned businesses. As of 1987, women-owned businesses in these two industries accounted for just under 53 percent of the total receipts of women-owned businesses. The decline in receipts in the trade and services industry has been more than replaced by strong growth in the construction, manufacturing, and wholesale trade industries.
- The total receipts of women-owned businesses in the construction industry more than quadrupled between 1982 and 1987, rising from \$4.6 billion in 1982 to \$20.3 billion in 1987.
- Between 1982 and 1987, the number of women-owned businesses in the manufacturing industry more than doubled, rising from 44,909 in 1982 to 93,960 in 1987. Even more striking was the growth in the total receipts of these businesses: between 1982 and 1987, the total receipts of women-owned manufacturing businesses experienced a nearly six-fold increase, rising from \$5.3 billion in 1982 to \$30.9 billion in 1987. Whereas women-owned manufacturing businesses accounted for 5.4 percent of the receipts of all women-owned businesses in 1982, by 1987, that figure had risen to 11.1 percent.
- The growth of women-owned businesses in the wholesale trade industry was also quite strong. Between 1982 and 1987, the number of women-owned firms in this industry rose from 32,059 to 82,513, an increase of 157.4 percent. The total receipts of women-owned businesses in the wholesale trade industry rose from \$9.2 billion in 1982 to \$42.8 billion in 1987, an increase of 365.8 percent.
- Traditionally, the preponderance of women-owned businesses have been organized as sole proprietorships. In many cases, sole proprietorships are part-time or fledgling businesses. As sole proprietorships grow, they commonly reorganize as sub-Chapter S (1120S) corporations. Perhaps reflecting their "coming of age," between 1982 and 1987, the percent of women-owned businesses organized as 1120S corporations rose from 3.1 percent to 5.7 percent. The percent of women-owned businesses organized as sole proprietorships declined from 92.3 percent in 1982 to 90.5 percent in 1987.



## HISPANIC - OWNED BUSINESS

- Between 1982 and 1987, the number of Hispanic-owned businesses rose from 233,975 to 422,373, an increase of 80.5 percent. This rate of growth is almost six times the rate for all businesses (14%).
- As of 1987, Hispanic-owned businesses accounted for roughly 3.1 percent of all U.S. businesses.
- The total receipts of Hispanic-owned businesses more than doubled over this same time period, rising from \$11.76 billion in 1982 to \$24.73 billion in 1987.
- As of 1987, the receipts of Hispanic-owned businesses accounted for about 1.2 percent of total U.S. business receipts.
- Between 1982 and 1987, Hispanic-owned businesses demonstrated their growing importance as providers of jobs for American workers. Between 1982 and 1987, the number of Hispanic-owned businesses with paid employees more than doubled, rising from 39,272 businesses in 1982 to 82,908 businesses in 1987.
- As of 1987, Hispanic-owned businesses employed over a quarter of a million (264,846) American workers, a 71 percent increase over the 154,971 workers employed by Hispanic-owned businesses in 1982.
- As of 1987, approximately 76 percent of all Hispanic-owned businesses in the U.S. are in these four states: California, Texas, Florida, and New York. Hispanic-owned businesses in these states also generated about 76 percent of the receipts of all such businesses in the U.S. in 1987.
- California has the largest population of Hispanic-owned businesses (132,212), followed by Texas (94,754), Florida (64,413), and New York (28,254).
- The average receipts size of Hispanic-owned businesses in Florida (\$76,835) and California (\$61,415) is considerably larger than that of Hispanic-owned businesses nationwide (\$58,554). By contrast, the average receipts size of Hispanic-owned businesses in New York (\$55,065) and Texas (\$43,355) is smaller than the national average for these businesses.
- The industries experiencing the strongest relative growth in both the number and receipts of Hispanic-owned businesses are the wholesale trade and manufacturing industries.

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- ✓ The number of Hispanic-owned businesses in the wholesale trade industry rose from 3,359 in 1982 to 10,154 in 1987, an increase of 202 percent. The receipts of these businesses grew by 219 percent over this time period, rising from \$766.65 million in 1982 to \$2.45 billion in 1987.
- ✓ The number of Hispanic-owned manufacturing firms rose from 3,938 in 1982 to 11,090 in 1987, an increase of 182 percent. The receipts of Hispanic-owned businesses in the manufacturing industry increased by 202 percent over this same time period, rising from \$480.33 million in 1982 to \$1.45 billion in 1987.
- The growth in the receipts of Hispanic-owned businesses in the construction and finance industries was also quite strong between 1982 and 1987. The receipts of Hispanic-owned businesses in the finance industry nearly tripled between 1982 and 1987, rising from \$302.19 million to \$864.28 million. The receipts of Hispanic-owned construction companies rose from \$1.29 billion in 1982 to \$3.44 billion in 1987, an increase of about 166 percent.
- Hispanic-owned businesses are becoming more industrially diverse. In 1982, the receipts of Hispanic-owned firms in the retail trade and services industries accounted for nearly 63 percent of the receipts of all Hispanic-owned businesses. By 1987, Hispanic-owned business receipts in these two industries accounted for just over 55 percent of the total receipts of Hispanic-owned businesses.

## **ASIAN AMERICAN AND PACIFIC ISLANDER - OWNED BUSINESS**

According to Census Bureau classification, these two groups are comprised primarily of Hawaiians and Americans of Asian Indian, Chinese, Japanese, Korean, Vietnamese, or Filipino extraction.

- Between 1982 and 1987, the number of businesses owned by Asian Americans and Pacific Islanders rose from 187,691 to 355,331, an increase of 89.3 percent.
- The number of businesses owned by Vietnamese Americans increased more than five-fold, rising from 4,989 businesses in 1982 to 25,671 businesses in 1987.
- Starting from much larger bases, the growth in the number of businesses owned by Korean Americans and Asian Indian Americans between 1982 and 1987 was also quite remarkable. The number of businesses owned by Korean Americans rose from 30,919 in 1982 to 69,304 in 1987, an increase of 124.2 percent.

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- The number of businesses owned by Asian Indian Americans grew by 119.9 percent over this same five-year period, rising from 23,770 in 1982 to 52,266 in 1987.
- Among businesses owned by Asian Americans and Pacific Islanders, those owned by Chinese Americans comprised the biggest subgroup - at 89,717 businesses - in 1987.
- As of 1987, businesses owned by Asian Americans and Pacific Islanders accounted for 2.6 percent of all U.S. businesses in 1987.
- The total receipts of businesses owned by Asian Americans and Pacific Islanders rose from \$12.65 billion in 1982 to \$33.13 billion in 1987, an increase of 161.8 percent.
- The average receipts size of businesses owned by Asian Americans and Pacific Islanders rose from \$67,419 to \$93,223 between 1982 and 1987, an increase of 38.3 percent.
- Among businesses owned by Asian Americans and Pacific Islanders, the receipts size of businesses owned by Asian Indian Americans experienced the greatest increase between 1982 and 1987. The average receipts size of these businesses grew by 84 percent to \$128,477 in 1987.
- In terms of receipts size, businesses owned by Asian Indian Americans were easily the largest of all businesses owned by Asian Americans and Pacific Islanders in 1987. Businesses owned by Vietnamese Americans were the second largest, with an average of \$110,859 in receipts per firm, followed by businesses owned by Hawaiians, with annual receipts averaging \$107,115 per firm.
- As of 1987, the receipts of businesses owned by Asian Americans and Pacific Islanders accounted for about 1.7 percent of total U.S. business receipts.
- There were 92,718 businesses owned by Asian Americans and Pacific Islanders that had paid employees in 1987. These businesses employed 351,345 workers.
- Chinese American-owned businesses employed 126,763 workers in 1987--nearly one-third of all workers employed by businesses owned by Asian Americans and Pacific Islanders.

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- Roughly three-quarters of all businesses owned by Asian Americans and Pacific Islanders in 1987 were in the services and retail trade industry divisions. The services and retail trade industry divisions accounted for 49 percent, and 26.3 percent of all businesses owned by Asian Americans and Pacific Islanders in 1987 (compared to 49 percent for businesses owned by Asian Americans and Pacific Islanders, overall).
- Businesses owned by Asian Indian Americans and Filipino Americans were especially concentrated in the services industry division: the services industry division accounted for 57 and 54 percent of all businesses owned by Asian Indian Americans and Filipino Americans, respectively, in 1987.
- In 1987, Vietnamese American-owned businesses were more than twice as likely to be located in the manufacturing industry division than businesses owned by any other subgroup of Asian Americans and Pacific Islanders: 7.6 percent of all Vietnamese American-owned businesses were manufacturing businesses in 1987.
- In 1987, Korean American-owned businesses were especially concentrated in the retail trade industry division: 37.8 percent of all of these businesses were retail trade businesses in 1987 (compared to 26.3 percent for businesses owned by Asian Americans and Pacific Islanders, overall).
- In 1987, California had the largest population of businesses owned by Asian Americans and Pacific Islanders, (144,353), followed by New York (35,812), and Hawaii (31,300). These three states accounted for 59.5 percent of all U.S. businesses owned by Asians and Pacific Islanders. California, alone, accounted for 40 percent of all U.S. businesses owned by Asians and Pacific Islanders, and 44 percent of the receipts of these businesses.

## **AMERICAN INDIAN AND ALASKAN NATIVE - OWNED BUSINESS**

The category Alaska Natives is comprised of Eskimos and Aleuts.

- Between 1982 and 1987, the number of businesses owned by American Indians and Alaska Natives rose from 13,573 to 21,380, an increase of 57.5 percent. The number of businesses owned by American Indians rose by 63.5 percent over this five-year period, from 10,938 in 1982 to 17,884 in 1987. The number of business owned by Aleuts rose from 958 in 1982 to 1,143 in 1987, an increase of 19.3 percent.

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- The number of Eskimo-owned businesses experienced a 40.3 percent increase between 1982 and 1987, rising from 1,677 in 1982 to 2,353 in 1987.
- As of 1987, businesses owned by American Indians and Alaska Natives accounted for 0.2 percent of all U.S. businesses.
- The total receipts of businesses owned by American Indians and Alaska Natives rose from \$495 million in 1982 to \$911 million in 1987, an increase of 84 percent.
- In 1987, the total receipts of American Indian-owned businesses were \$803 million, up 88 percent from \$427 billion in 1982. The receipts of Aleut-owned businesses grew by 39.5 percent over this five-year period, from \$38 million in 1982 to \$53 million in 1987. The receipts of Eskimo-owned businesses rose from \$30 million in 1982 to \$55 billion in 1987, an increase of 83.3 percent.
- Among businesses owned by American Indians and Alaska Natives, the receipts size of businesses owned by Eskimos experienced the greatest increase between 1982 and 1987. The average receipts size of these businesses grew by 30.7 percent over this five-year period, from \$17,889 per firm in 1982 to \$23,374 in 1987.
- The growth in the average receipts size of businesses owned by American Indians and Eskimos was considerably more modest. The average receipts per firm of Aleut-owned businesses were \$46,369 in 1987, a 16.9 percent increase from \$39,366 in 1982. The average receipts size of American Indian-owned businesses rose from \$39,038 in 1982 to \$44,901 in 1987, an increase of 15 percent.
- As of 1987, the receipts of businesses owned by American Indians and Alaska Natives accounted for about 0.05 percent of total U.S. business receipts.
- There were 3,739 businesses owned by American Indians and Alaska Natives that had paid employees in 1987. These businesses employed a total of 8,956 workers. Almost all of these workers - 8,571 - were employed by businesses owned by American Indians.
- The industrial distribution of businesses owned by Alaska Natives is distinguished by the very high proportion of these businesses that are in the agriculture, forestry, and fishing industry division. In 1987, 58.7 percent of Aleut-owned businesses - and 68.6 percent of Eskimo-owned businesses - were in the agriculture, forestry, and fishing industry division.
- In 1987, 15.4 percent of American Indian-owned businesses were in the construction industry: among minority-owned businesses, this is an unusually high concentration of businesses in this industry.

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- In 1987, Alaska had the largest population of businesses owned by American Indians and Alaska Natives (4,006), with about one-quarter of these businesses (1,039) owned by American Indians. The next largest population of businesses owned by American Indians and Alaska Natives in 1987 (3,280) was in California, with almost all of these businesses (3,087) owned by American Indians. North Carolina had the third largest population of businesses owned by American Indians and Alaska natives in 1987 (1,758), all but one of which were owned by American Indians. These three states account for 43.7 percent of all U.S. businesses owned by American Indians and Alaska Natives, and 37 percent of the receipts of these businesses.

# Facts on Working Women

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Women's Bureau



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## WOMEN BUSINESS OWNERS

Women continue to make inroads into business ownership in the United States. Women-owned nonfarm sole proprietorships increased 62.5 percent between 1980 and 1986, from 2.5 million to 4.1 million.<sup>1</sup>

Total nonfarm sole proprietorships increased 41.8 percent during the same time period, from 9.7 million to 13.8 million. Women's share of total nonfarm sole proprietorships increased from 26.1 percent in 1980 to 29.9 percent in 1986.

The largest number of women-owned businesses historically has been in services and in wholesale and retail trade and this trend continued into 1986. As indicated in Table I, 2.4 million women-owned businesses were in the services industry followed by 975,000 in wholesale and retail trade. However, women's business ownership in nontraditional areas has increased significantly since 1980 with a 165.9 percent increase in mining, construction and manufacturing, and a 110.9 percent increase in agriculture, forestry and fishing, for example.

Women-owned nonfarm sole proprietorships represented 12.9 percent of total business receipts in 1986, up from 8.8 percent in 1980. Between 1980 and 1986, total receipts of women-owned nonfarm sole proprietorships virtually doubled, increasing from 36.4 billion to 71.6 billion. The average receipts of women-owned sole proprietorships rose 19.9 percent in current dollars from \$14,348 in 1980 to \$17,362 in 1986. Women's increasing share of both proprietorships and receipts are indications of women business owners growing importance in the American economy.

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<sup>1</sup>The State of Small Business: A Report of the President, Transmitted to the Congress, 1989. (The Small Business Administration notes that these figures still represent an underestimate of the total business ownership of women since women-owned corporations and partnerships are not tabulated by the Internal Revenue Service.)

Table I  
Women-Owned Businesses  
by Industry (in thousands) and Percent Change  
1980 through 1986

	1986	1980	Percent Change 1980-1986
Total	4,121	2,535	62.5
Agriculture, Forestry, and Fishing	65	31	110.9
Mining, Construction, and Manufacturing	224	84	165.9
Transportation, Communications, and Electric Utilities	52	28	86.1
Wholesale and Retail Trade	975	825	18.2
Finance, Insurance, and Real Estate Services	451	355	27.2
	2,355	1,213	94.2

According to a report issued by the Bureau of the Census<sup>2</sup> in 1982, businesses owned by women were more likely than businesses owned by men to:

- be home-based (56 percent as compared with 51 percent).
- have no paid employees (84 percent as compared with 76 percent). Women were employed in 11 percent and minorities were employed in 4 percent of women-owned firms. Also, women business owners were less likely to work more than 40 hours a week in ownership activities.
- provide no income to the owner from the firm (18 percent as compared with 13 percent). On the other hand, about one-fourth (23 percent) of women business owners reported deriving 100 percent of their income from the firm compared with 29 percent of men business owners.
- have been newly acquired. Twenty percent of businesses owned by women were acquired in 1982 (the year of the survey) as compared with 15 percent of businesses owned by men. Only 6 percent of women-owned businesses were acquired by the owner before 1960 as compared with 11 percent of those owned by men. Nearly three-fourths of women business owners were the original founders and 13 percent purchased their businesses. However, women-owned businesses were more likely than those owned by men to have been acquired as a gift or through marriage.
- have been started or acquired with no capital required or borrowed (75 percent as compared with 66 percent). Thirty-six percent of women owners did not borrow because capital was not required, as compared with 26 percent of men owners. As a group, women sole proprietors relied less than men sole proprietors on banks as a source of borrowed start-up or acquisition capital.
- have been started with less capital. In real (1982) dollars, women founded their businesses with about half the capital used by men (\$10,503 as compared with \$20,717).

<sup>2</sup> 1982 Characteristics of Business Owners, CB082-1, Bureau of the Census, U.S. Department of Commerce, ed August 1987. This report presents data about the characteristics of minority-owned and women-owned businesses and their owners as well as a comparable non-minority male business universe.



Women business owners tended to be somewhat younger than their male counterparts. About 69 percent were between the ages of 25 and 54 while 16 percent were age 55 to 64 and 8 percent were age 65 years and over. Among men business owners, 67 percent were between 25 to 54 years of age, 18 percent were 55 to 64 years, and 9 percent were 65 years of age and over. The remaining respondents were under age 25.

Seventy-one percent of women business owners were married as compared with 82 percent of men owners. Of the remaining women owners responding, 11 percent were divorced or separated, 9 percent had never married and 6 percent were widowed.

According to a study by Faith Ando and Associates, of women-owned sole proprietorships in 1982, 92.5 percent were owned by white women, 3.8 percent by black women, 2.1 percent by Hispanic women and 1.6 percent by Asian women (see Chart 1).

Chart 1

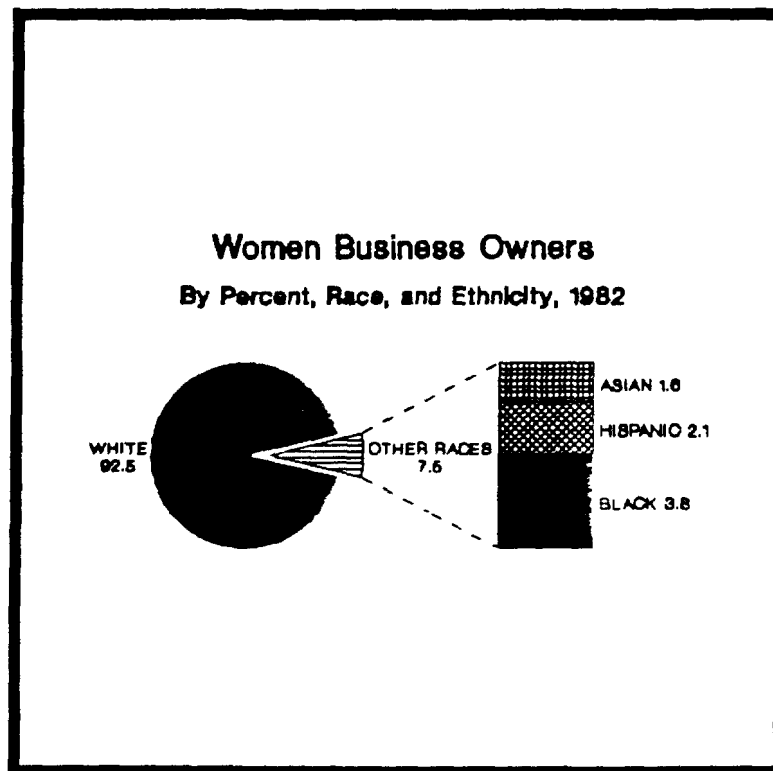


Chart based on data from "Minorities, Women, Veterans and the 1982 Characteristics of Business Owners Survey, A Preliminary Analysis," by Faith Ando and Associates, Haverford, Pennsylvania, September 1988.

Women business owners were less likely than men business owners to have previously owned a business--about 1 percent compared with 22 percent. Managerial experience provides individuals with experience in decisionmaking and employee supervision which might be drawn upon once these individuals become business owners. Although women sole proprietors may tend to have less work experience and even less managerial experience than their male counterparts, women business owners have the highest proportion of persons with at least a high school education (86 percent versus 83 percent for men owners). While men owners are somewhat more likely to have acquired 5 or more years of college education, slightly more than half of women business owners (52 percent) had at least 1 year of college, 15 percent had 5 or more years of college, and 63 percent had attended a business course, seminar or workshop.

Opportunities for women in business should be enhanced as a result of recent public attention to the status of women business ownership and passage of legislation to provide training and assistance for women owners. For example, in June 1988, the U.S. House of Representatives issued a report, New Economic Realities: The Rise of Women Entrepreneurs, which was the result of hearings held by the Congress on women-owned businesses.

Recently, the Office of Women's Business Ownership in the U.S. Small Business Administration (SBA) announced a program for long-term training and counseling called Women's Network for Entrepreneurial Training (WNET). This program is designed to foster year long mentoring relationships between successful women-owned businesses and fledgling women-owned businesses of 1 to 3 years. Additional information about this program may be obtained from the Office of Women's Business Ownership at (202) 653-8000.

The Women's Business Ownership Act of 1988 authorizes \$10 million over a 3-year period for financial assistance to private organizations to provide financial, management, marketing, and technical assistance to women business owners. The intent of the law is to replicate existing programs offering long-term training and counseling. The U.S. Small Business Administration recently announced three Federal grants totaling more than \$700,000--the first in a series expected under the act. Organizations funded under the program must match the Federal funds dollar for dollar with private money. The organizations must also have proven experience in providing this kind of training, must be able to quickly initiate the new training, and must be able to provide specialized training to women who are socially and economically disadvantaged. Additional information about this program may be obtained by calling the Office of Women's Business Ownership in the U.S. Small Business Administration at (202) 653-8000.

The Women's Business Ownership Act also amends the Equal Credit Opportunity Act to add certain business loans to those already covered by the Act. It contains provisions such as the establishment of a 5-year National Women's Business Council to review the status of women-owned businesses, data collection procedures and other government initiatives relating to women-owned business and recommends ways to promote greater access to financing and procurement opportunities for such businesses.

Women's business ownership is seen by the Women's Bureau as a significant step in efforts to improve the economic status of women. Women-owned businesses represent a significant part of the overall U.S. economy and also provide important sources of employment for the growing numbers of women entering the labor force. In addition, home-based businesses may often serve as a viable option for those women who may wish to enter the labor force but who, for various reasons, may not be able to seek employment outside the home.

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U.S. Department of Labor  
Women's Bureau



No. 89-6  
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## HISPANIC ORIGIN WOMEN BUSINESS OWNERS

According to the Bureau of the Census, U.S. Department of Commerce, women owned 2.7 million sole proprietorships in the United States in 1982. In a recent study by Faith Ando and Associates, "Minorities, Women, Veterans and the 1982 Characteristics of Business Owners Survey, A Preliminary Analysis," it was reported that Hispanic women owned 2.1 percent of all women-owned sole proprietorships in the United States in 1982.

Similar to firms owned by all women, those owned by Hispanic women (76 percent) are more likely to be in services (49 percent) and retail trade (27 percent). The six States with the highest share of firms owned by Hispanic women are California (33 percent), Texas (23 percent), Florida (12 percent), New York (6 percent), New Mexico (4 percent), and Arizona (3 percent). Further, according to the Ando report, among sole proprietorships owned by Hispanic women:

- Almost 55 percent were home-based, less than among all women-owned sole proprietorships (61 percent).
- About 91 percent had no employees and 6 percent had one to four employees. Women and minorities were employed in 6 percent of the firms.
- About 91 percent did not export any of their goods or services.
- In 1982, 48 percent of the firms had less than \$5,000 in sales and 36 percent had between \$5,000 and \$24,999 in sales.
- Most showed some profits. About one-fifth suffered a net loss. Of firms owned by Hispanic women, 45 percent had 1982 profits of less than \$5,000; 26 percent had profits between \$5,000 and \$19,999; and 18 percent had a net loss of less than \$5,000. Among all women-owned sole proprietorships, 40 percent had profits below \$5,000 and 15 percent had a net loss of less than \$5,000.
- About 21 percent reported none of their income originated with the firm. On the other hand, 23 percent reported that 100 percent of their 1982 income came from their businesses.
- Forty percent had no initial capital and an additional 39 percent began with less than \$5,000.

- Seventy-three percent of Hispanic women reported their firms had no equity capital. Of those who used equity capital, the dominant source (13 percent of firms) was family.
- With respect to the firm's initial debt ratio, 65 percent had no debt. However, 12 percent had between 91 and 100 percent debt. Two debt sources dominate in the case of firms owned by Hispanic women. They are banks (51 percent) and family (32 percent).
- About 55 percent of firms owned by Hispanic women in 1982 survived until 1986. The two chief reasons given by those that discontinued operations were insufficient profit (43 percent) and personal (47 percent).

Characteristics of Hispanic women business owners:

- 78 percent were between the ages of 25 to 54
- 72 percent were married
- 78 percent had been business owners for less than 7 years. Twenty-nine percent had been in business for less than 1 year.
- 74 percent were founders of the firm covered in this report. About 9 percent had previously owned another business.
- 84 percent had previous paid employment. Although 69 percent had had no managerial experience in paid employment, 49 percent had attended business courses or seminars. About 39 percent had at least 1 year of college.
- Had few role models. Only 29 percent of Hispanic women business owners had a close relative who owned a business. Of those with a role model, 29 percent reported they had worked for a relative. About 39 percent of all women sole proprietors had role models.

Opportunities for Hispanic and other women business owners should be enhanced by the Women's Business Ownership Act of 1988 which authorizes \$10 million over a 3-year period for private organizations to provide financial, management, marketing, and technical assistance to women business owners. Information about programs funded under this Act may be obtained from the Office of Women's Business Ownership in the U.S. Small Business Administration at (202) 653-8000.

The Office of Women's Business Ownership recently announced a program to foster long-term mentoring relationships between successful women-owned businesses and fledging women-owned businesses of 1 to 3 years. Additional information about this program, Women's Network for Entrepreneurial Training (WNET), may be obtained from the Office of Women's Business Ownership at the number listed above.

Sources: "Minorities, Women, Veterans and the 1982 Characteristics of Business Owners Survey, A Preliminary Analysis," Faith Ando and Associates, Haverford, Pennsylvania, September 1988; and U.S. Small Business Administration.

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U.S. Department of Labor  
Women's Bureau



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September 1989

## **BLACK WOMEN BUSINESS OWNERS**

According to the Bureau of the Census, U.S. Department of Commerce, women owned 2.7 million sole proprietorships in the United States in 1982. In a recent study by Faith Ando and Associates, "Minorities, Women, Veterans and the 1982 Characteristics of Business Owners Survey, A Preliminary Analysis," it was reported that Black women owned 3.8 percent of all women-owned sole proprietorships in the United States in 1982.

Similar to firms owned by all women, those owned by Black women (82 percent) are more likely to be in services (53 percent) and retail trade (29 percent). The 6 States with the highest share of firms owned by Black women are California (14 percent), Texas (9 percent), New York (9 percent), Maryland (6 percent), Illinois (5 percent), and Ohio (5 percent). Further, according to the Ando report, among sole proprietorships owned by Black women:

- Sixty percent were home-based, about the same as among all women-owned sole proprietorships (61 percent).
- About 96 percent had no employees and 3 percent had one to four employees. Women were employed in 3 percent of the firms and minorities were employed in 4 percent.
- More than 93 percent did not export any of their goods or services.
- In 1982, 57 percent of the firms had less than \$5,000 in sales and 34 percent had between \$5,000 and \$24,999 in sales.

- Most showed some profits. About one-fourth suffered a net loss. Of firms owned by Black women, 46 percent had 1982 profits of less than \$5,000; 21 percent had profits between \$5,000 and \$19,999; and 24 percent had a net loss of less than \$5,000. Among all women-owned sole proprietorships, 40 percent had profits below \$5,000 and 15 percent had a net loss of less than \$5,000.
- About 27 percent reported none of their income originated with the firm. On the other hand, 18 percent reported that 100 percent of their 1982 income came from their businesses.
- About 43 percent had no initial capital and an additional 44 percent began with less than \$5,000.
- Seventy-three percent of Black women reported their firms had no equity capital. Of those with equity capital, the dominant source (12 percent of firms) was family.
- With respect to the firm's initial debt ratio, about 71 percent had no debt. However, 9 percent had between 91 and 100 percent debt. Three debt sources dominate in the case of firms owned by Black women--banks (50 percent), family (27 percent), and friends (14 percent).
- About half of firms owned by Black women in 1982 survived until 1986. The two chief reasons given by those that discontinued operations were insufficient profit (41 percent) and personal (47 percent).

Black women business owners are likely:

- to be between the ages of 25 and 54 (71 percent).
- to be married (55 percent).
- to have at least 1 year of college (51 percent).
- to have been business owners for less than 7 years (72 percent). About 29 percent had been in business for less than 1 year.
- to have been founders of the firm covered in this report (72 percent). About 8 percent had previously owned another business.
- to have had previous paid employment (82 percent). Although 63 percent had had no managerial experience in paid employment, 65 percent had attended business courses or seminars.
- to have had few role models. Only 22 percent of Black women business owners had close relatives who owned a business. Of those with a role model, 29 percent reported they had worked for the relative. About 39 percent of all women sole proprietors had a role model.

Opportunities for Black and other women business owners should be enhanced by the Women's Business Ownership Act of 1988 which authorizes \$10 million over a 3-year period for private organizations to provide financial, management, marketing, and technical assistance to women business owners. Information about programs funded under this Act may be obtained from the Office of Women's Business Ownership in the U.S. Small Business Administration at (202) 653-8000.

The Office of Women's Business Ownership in the U.S. Small Business Administration recently announced a program to foster long-term mentoring relationships between successful women-owned businesses and fledgling women-owned businesses of 1 to 3 years. Additional information about this program, Women's Network for Entrepreneurial Training (WNET), may be obtained from the Office of Women's Business Ownership at (202) 653-8000.

Sources: "Minorities, Women, Veterans and the 1982 Characteristics of Business Owners Survey, A Preliminary Analysis," Faith Ando and Associates, Haverford, Pennsylvania, September 1988; and U.S. Small Business Administration.

# *Facts on* Working Women

U.S. Department of Labor  
Women's Bureau



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December 1989

## ASIAN AMERICAN WOMEN BUSINESS OWNERS

According to the Bureau of the Census, U.S. Department of Commerce, women owned 2.7 million sole proprietorships in the United States in 1982. In a recent study by Faith Ando and Associates, "Minorities, Women, Veterans and the 1982 Characteristics of Business Owners Survey, A Preliminary Analysis," it was reported that Asian American women owned 1.6 percent of all women-owned sole proprietorships in the United States in 1982.

Similar to firms owned by all women, those owned by Asian American women (80 percent) are more likely to be in services (51 percent) and retail trade (29 percent). The six States with the highest share of firms owned by Asian American women are California (40 percent), Hawaii (11 percent), New York (8 percent), Texas (6 percent), Illinois (4 percent), and Washington (3 percent). Further, according to the Ando report, among sole proprietorships owned by Asian American women:

- Fifty-one percent were home-based, less than among all women-owned sole proprietorships (61 percent).
- About 88 percent had no employees and 8 percent had one to four employees. Women were employed in 9 percent and minorities were employed in 7 percent of the firms.
- More than 88 percent did not export any of their goods or services.
- In 1982, 47 percent had less than \$5,000 in sales and 39 percent had between \$5,000 and \$49,999 in sales.
- Most showed some profits. About one-fifth suffered a net loss. Of firms owned by Asian American women, 39 percent had 1982 profits of less than \$5,000; 25 percent had profits between \$5,000 and \$19,999; and 19 percent had a net loss less than \$5,000.
- About 20 percent reported none of their income originated with the firm. On the other hand, about 20 percent reported that 100 percent of their 1982 income came from their businesses.
- About 30 percent had no initial capital, and an additional 35 percent began with less than \$5,000.
- Sixty percent of Asian American women reported their firms had no equity capital. Of those with equity capital, the dominant source (23 percent of firms) was family.



- With respect to the firms' initial debt ratio, 61 percent had no debt. However, 8 percent had between 91 and 100 percent debt. Four debt sources dominate in the case of firms owned by Asian American women. They are banks (46 percent), family (33 percent), friends (18 percent) and former owners (15 percent). (Note: A firm may have had more than one source.)
- About 58 percent of firms owned by Asian American women in 1982 survived until 1986. The two chief reasons given by those that discontinued operations were insufficient profit (42 percent) and personal (47 percent).

Characteristics of Asian American women business owners:

- 67 percent were between the ages of 25 to 44
- 74 percent were married
- 71 percent had completed at least 1 year of college
- 87 percent had been business owners for less than 7 years. Thirty-six percent had been in business for less than 1 year.
- 72 percent were founders of the firm covered in this report (72 percent). Twelve percent had previously owned another business.
- 86 percent had previous employment (86 percent). Although 62 percent had had no managerial experience in paid employment, 53 percent had attended business courses or seminars.

Asian American women business owners (36 percent) are nearly as likely as all women business owners (39 percent) to have had a role model, i.e., a close relative who owned a business. Of Asian American women business owners with a role model, 30 percent reported they had worked for a relative.

Opportunities for Asian American and other women business owners should be enhanced by the Women's Business Ownership Act of 1988 which authorizes \$10 million over a 3-year period for private organizations to provide financial, management, marketing, and technical assistance to women business owners. Information about programs funded under this Act may be obtained from the Office of Women's Business Ownership in the U.S. Small Business Administration at (202) 653-8000.

The Office of Women's Business Ownership in the U.S. Small Business Administration recently announced a program to foster long-term mentoring relationships between successful women-owned businesses and fledgling women-owned businesses of 1 to 3 years. Additional information about this program, Women's Network for Entrepreneurial Training (WNET), may be obtained from the Office of Women's Business Ownership at the number listed above.

Sources: "Minorities, Women, Veterans and the 1982 Characteristics of Business Owners Survey, A Preliminary Analysis," Faith Ando and Associates, Haverford, Pennsylvania, September 1988; U.S. Small Business Administration.